

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12035	"725"/\$.cccls.	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:41
L2	1457	L1 and "cable modem"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:41
L3	504	L2 and headend	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:41
L4	190	L3 and (QAM or "quadrature amplitude modulated")	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:41
L5	130	L4 and (QPSK or "quadrature phase shift keying")	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:41
L6	79	L5 and broadband	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:41
L7	28	L6 and (tun\$3 near5 receiver)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:41
L8	26	L7 and (tv or television)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:41
L9	21	L8 and demodulator	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:42
L10	18	((("4410911") or ("5790806") or ("6122334") or ("6125148") or ("6230326") or ("6456627") or ("6483829") or ("6510162") or ("6574796") or ("6671328") or ("6678893") or ("6735245") or ("6742187") or ("6799030") or ("6804262") or ("6842429") or ("6987754"))).PN.	US-PGPUB; USPAT; EPO	OR	OFF	2006/07/05 18:44
L11	17	10 and modulat\$3	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:45
L12	0	11 and "carrier frequency lock"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:45
L13	0	11 and (carrier near3 (frequency adj lock\$3))	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:46

## EAST Search History

L14	8	11 and "data channel"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:46
L15	1	14 and broadband	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:47
L16	0	15 and tuning	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:46
L17	3	10 and "first modulation"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:47
L18	3	17 and "second modulation"	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:50
L19	0	18 and (frequency near3 lock\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:50
L20	0	18 and (loop near3 bandwidth)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:51
S1	9703	"725"/\$.ccls.	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 16:28
S2	1146	S1 and "cable modem"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 16:29
S3	391	S2 and headend	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 16:29
S4	147	S3 and (QAM or "quadrature amplitude modulated")	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 18:03
S5	106	S4 and (QPSK or "quadrature phase shift keying")	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 18:04
S6	68	S5 and broadband	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 16:34
S7	26	S6 and (tun\$3 near5 receiver)	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 16:34
S8	24	S7 and (tv or television)	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 16:31

## EAST Search History

S9	20	S8 and demodulator	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 18:41
S10	13	S9 and "data channel"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 16:35
S11	7	S10 and identifier	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 16:35
S12	4	S11 and (active near8 channel)	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 16:35
S13	277	S2 and (QAM or "quadrature amplitude modulated")	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 16:34
S14	171	S13 and (QPSK or "quadrature phase shift keying")	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 16:34
S15	92	S14 and broadband	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 16:34
S16	33	S15 and (tun\$3 near5 receiver)	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 18:04
S17	27	S16 and demodulator	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 16:35
S18	14	S17 and "data channel"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 16:38
S19	8	S18 and identifier	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 16:37
S20	4	S19 and (active near8 channel)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:44
S21	1	("6763025").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2005/06/15 16:37
S22	6	S17 and "data channel"	USPAT	OR	ON	2005/06/15 18:02
S23	0	S22 and (sweep\$3 near5 "carrier frequency")	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 18:02
S24	3	S16 and (sweep\$3 near5 "carrier frequency")	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 18:04

## EAST Search History

S25	1032	"cable modem" and (QAM or "quadrature amplitude modulated")	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 18:04
S26	554	S25 and (QPSK or "quadrature phase shift keying")	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 18:04
S27	143	S26 and (tun\$3 near5 receiver)	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 18:04
S28	3	S24 and (sweep\$3 near5 "carrier frequency")	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 18:04
S29	0	S24 and (scann\$3 near5 "carrier frequency")	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 18:05
S30	3	S24 and ((search\$3 or look\$3 or find\$3 or seek\$3) near5 "carrier frequency")	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 18:06
S31	9	S27 and "loop bandwidth"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 18:06
S32	8	S31 and "carrier frequency"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 18:06
S33	3	S32 and ("carrier frequency" near3 lock\$3)	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 18:14
S34	3	S27 and "active data channel"	US-PGPUB; USPAT; EPO	OR	ON	2005/06/15 18:14
S35	3	S27 and ("carrier frequency" near3 lock\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:44
S36	1204	"cable modem" and (QAM or "quadrature amplitude modulated")	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:44
S37	654	S36 and (QPSK or "quadrature phase shift keying")	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:44
S38	174	S37 and (tun\$3 near5 receiver)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:44
S39	3	S38 and ("carrier frequency" near3 lock\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:44

## EAST Search History

S40	10931	"725"/\$.ccls.	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:44
S41	1325	S40 and "cable modem"	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:44
S42	323	S41 and (QAM or "quadrature amplitude modulated")	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:44
S43	197	S42 and (QPSK or "quadrature phase shift keying")	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:44
S44	103	S43 and broadband	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:44
S45	36	S44 and (tun\$3 near5 receiver)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:54
S46	28	S45 and demodulator	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:44
S47	14	S46 and "data channel"	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:44
S48	8	S47 and identifier	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:44
S49	4	S48 and (active near8 channel)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:45
S50	2	S49 and (frequency near3 lock\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:54
S51	1219	725/119 725/120 725/111 725/147 725/148 725/149 375/220 375/221 375/222 375/261 375/257 375/375	US-PGPUB	OR	ON	2006/01/17 18:53
S52	197	S51 and modulation.clm.	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:54
S53	7	S52 and (tun\$3 near5 receiver).clm.	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:54
S54	1	S53 and (frequency near3 lock\$3). clm.	US-PGPUB; USPAT; EPO	OR	ON	2006/01/17 18:54